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NO. 8067 P. 1/33

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Date: April 5, 2002

Number of Pages (including cover sheet) 33

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To: United States Patent and Trademark Office  
Customer Service  
"Reply to Request for Substitute Papers"

Phone:

Re: US Serial No. 09/934801

Fax No. 703-872-9319 (TC2800)

From: Stephen W. Buckingham

Phone: 651-733-3379

Our Case No.: 56549US004

Fax No. 651-736-3833

[http://neo/cgi-bin/expo/SubInfo/subquer..2F02&CER\\_DT=11%2F19%2F01&Phone\\_Num=280](http://neo/cgi-bin/expo/SubInfo/subquer..2F02&CER_DT=11%2F19%2F01&Phone_Num=280)

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UNITED STATES DEPARTMENT OF COMMERCE  
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Application Number	Filing Date	First Named Applicant	Atty. Docket No.
09/934,801	08/22/2001	Piepel, Andrew	56549US004

Office of Intellectual Property Counsel  
3M Innovative Properties Company  
PO Box 33427  
St. Paul MN 55133-3427

04/05/02

SWB

Title: Temporary screens and methods for displaying information

Date Mailed: 03/22/2002

### Request for Substitute Papers

The papers filed on 02/08/02 (certificate of mailing dated 11/19/01) are no longer in condition to become part of the permanent records of the United States Patent and Trademark Office (USPTO) for this application (37 CFR 1.52(a)) due to the United States Postal Service sanitization process.

The USPTO requests that applicant provide a copy of the above-identified papers (except for any U.S. or foreign patent documents submitted with the above-identified papers) with a statement that such copy is a complete and accurate copy of the above-identified papers (signing and returning a copy of this notice will provide such a statement). The reply to this letter should be submitted to the USPTO by facsimile at the number indicated **703-872-9319 (TC2800)**.

Alternatively, the reply to this letter may be hand-carried to the Customer Service Window located in Room 1B03 of Crystal Plaza Building 2, Arlington, Virginia, 22202.

The USPTO **strongly** prefers that the reply to this letter be submitted by facsimile. However, if applicant cannot submit the reply to this letter by facsimile (or hand-delivery), the reply may be mailed to: Box Duplicate TC2800, U.S. Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202-2327.

This letter is not a notice under 37 CFR 1.251. However, failure to timely replay to this notice within **two (2) weeks** of the date of receipt of this letter may result in the USPTO issuing a notice under 37 CFR 1.251. **A copy of this notice should be included with the reply.**

The enclosed papers are a complete and accurate copy of the above-identified papers.

Name: Stephen W. Buckner Registration No.: 30,035

Signature: [Signature] Date: 3-27-02

USPN: 09/934,801

Docket No.: 36349US004

It is believed that no fee is due in connection with this Information Disclosure Statement; however, if any such fee is due, please charge to Deposit Account No. 13-3723.

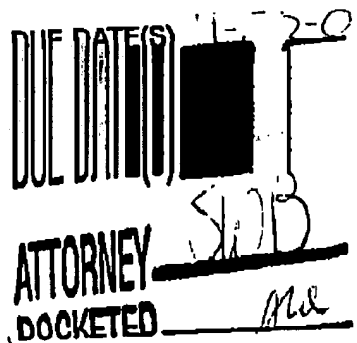
Registration Number 30,035	Telephone Number (651) 733-3379
Date <i>November 19, 2001</i>	

Respectfully submitted,

By

  
Stephen W. Buckingham

Office of Intellectual Property Counsel  
3M Innovative Properties Company  
P.O. Box 33427  
St. Paul, Minnesota 55133-3427  
Facsimile: (651) 736-3833

Patent  
Docket No: 56549US004**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:  
Andrew J. Piepel, et al.  
Serial No.: 09/934,801  
Filed: 8/22/2001

Group Art Unit: 2851

Examiner: --

For: **SCREENS AND METHODS FOR DISPLAYING INFORMATION****CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on:

November 19, 2001

Date

Signature

Grace M. Courtney

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
Washington, DC 20231

Dear Sir:

Pursuant to 37 CFR §1.56 and §1.97-1.98, enclosed please find a completed Form PTO-1449, citing references for consideration by the Examiner during examination of the above-referenced patent application. In accordance with 37 C.F.R. §1.98(d), copies of these references (listed on pages 1 and 2 of the attached 1449) are not enclosed as they can be found in the file of parent case U.S. Serial No. 09/827,773, filed April 6, 2001.

In accordance with 37 C.F.R. § 1.98(d), only copies of those documents not previously cited (listed on page 3 of the attached 1449) and submitted to the Patent and Trademark Office in prior application Serial No. 09/827,773 are enclosed.

Applicants request consideration of these references by the Examiner in regard to the present application, and that the Examiner initial and return the enclosed Form PTO-1449.

OMB No. 0651-0011

<b>INFORMATION DISCLOSURE STATEMENT</b>		<b>Atty. Docket No.: 56549USA004</b>			<b>Serial No.: 09/934,801</b>		
		<b>Applicant(s): Andrew J. Piepel et al.</b>					
		<b>Filing Date: 8/22/01</b>			<b>Group: 2851</b>		
		<b>U.S. PATENT DOCUMENTS</b>					
<b>Examiner Initial</b>		<b>Document Number</b>	<b>Date</b>	<b>Name</b>	<b>Class</b>	<b>SubClass</b>	<b>Filing Date If Appropriate</b>
		2,378,252	06/12/45	Stachle et al.			
		3,691,140	09/12/72	Silver			
		3,712,707	01/23/73	Henkes, Jr.			
		3,872,032	03/18/75	Kanemaru et al.			
		4,095,013	06/13/78	Burger			
		4,166,152	08/28/79	Baker et al.			
		4,323,301	04/06/82	Spector			
		4,379,617	04/12/83	Funakoshi et al.			
		4,418,986	12/06/83	Yata et al.			
		4,468,092	08/28/84	Inoue et al.			
		4,509,823	04/09/85	Moriguchi et al.			
		4,576,850	03/18/86	Martens			
		4,875,259	10/24/89	Appeldorn			
		4,896,953	01/30/90	Cobb Jr.			
		4,968,562	11/06/90	Delgado			
		4,994,322	02/19/91	Delgado et al.			
		4,999,937	03/19/91	Bechtold			
		5,010,671	04/30/91	Stonehouse			
		5,141,790	08/25/92	Calhoun et al.			
<b>FOREIGN PATENT DOCUMENTS</b>							
		<b>Document Number</b>	<b>Date of Publication</b>	<b>Country</b>	<b>Class</b>	<b>SubClass</b>	<b>Translation</b>
							<b>Yes</b> <b>No</b>
		WO99/64927	12/16/99	World Patent			
		WO99/13378	03/18/99	World Patent			
		WO99/50710	10/07/99	World Patent			
		WO98/45753	10/15/98	World Patent			
		WO00/56556	09/28/00	World Patent			
<b>OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)</b>							
		Product Literature from Navori.net					
		Hitachi Product Literature					
		DNP product literature					
<b>EXAMINER</b>				<b>Date Considered</b>			

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Based on Form PTO-FD-A810

Patent and Trademark Office, U.S. Department of Commerce

Also form PTO-1449)

OMB No. 0651-0011

<b>INFORMATION DISCLOSURE STATEMENT</b>		<b>Att. Docket No.: 56549US004</b>				<b>Serial No.: 09/934,801</b>	
		<b>Applicant(s): Andrew J. Piepel et al.</b>					
		<b>Filing Date: 8/22/01</b>				<b>Group: 2851</b>	
<b>U.S. PATENT DOCUMENTS</b>							
<b>Examiner Initial</b>		<b>Document Number</b>	<b>Date</b>	<b>Name</b>	<b>Class</b>	<b>SubClass</b>	<b>Filing Date If Appropriate</b>
		5,183,597	02/02/93	Lu			
		5,196,266	03/23/93	Lu et al.			
		5,201,101	04/13/93	Rouser et al.			
		5,296,277	03/22/94	Wilson et al.			
		5,316,849	05/31/94	Lu et al.			
		5,362,516	11/08/94	Wilson et al.			
		5,563,738	10/08/96	Vance			
		5,781,344	07/14/98	Vance			
		5,794,207	08/11/98	Walker et al.			
		5,794,210	08/11/98	Goldhaber et al.			
		5,899,010	05/04/99	Peck			
		5,926,796	07/20/99	Walker et al.			
		5,960,411	09/28/99	Hartman et al.			
		6,013,722	01/11/00	Yang et al.			
		6,030,002	02/29/00	Charley et al.			
		6,163,402	12/19/00	Chou et al.			
		6,171,681	01/09/01	Mascarenhas et al.			
		6,197,397	03/06/01	Sher et al.			
		6,204,971	03/20/01	Morris et al.			
<b>FOREIGN PATENT DOCUMENTS</b>							
		<b>Document Number</b>	<b>Date of Publication</b>	<b>Country</b>	<b>Class</b>	<b>SubClass</b>	<b>Translation</b>
							<b>Yes</b> <b>No</b>
		WO97/01610	01/16/97	PCT			
		WO94/21742	09/29/94	PCT			
		WO99/65999	12/23/99	PCT			
		WO98/39759	09/11/98	PCT			
		WO98/39157	09/11/98	PCT			
		WO95/06692	03/09/95	PCT			
		EP 0 783 133	07/09/97	Europe			
		EP 0 736 585	09/01/99	Europe			
		EP 0 570 515	06/05/96	Europe			
		JP 64-86102	03/30/89	Japan (abstract)			
		JP 63-134227	06/06/88	Japan (abstract)			
<b>OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)</b>							
<b>EXAMINER</b>				<b>Date Considered</b>			
<small>*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>							
<small>Based on Form PTO-FD-A820</small>				<small>Patent and Trademark Office, U.S. Department of Commerce</small>			







004745749

WPI Acc No: 1986-249080/198638

Prodn. of fresnel lens - using transparent resin sheet and ultraviolet ray curable resin

Patent Assignee: MITSUBISHI ELECTRIC CORP (MITQ ); MITSUBISHI DENKI KK (MITQ )

Number of Countries: 001 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 61177215	A	19860808	JP 8517720	A	19850202	198638 B
JP 91038091	B	19910607	JP 8517720	A	19850202	199127
JP 5119205	A	19930518	JP 8517720	A	19850202	199324
			JP 92107249	A	19850202	
JP 94061872	B2	19940817	JP 8517720	A	19850202	199431
			JP 92107249	A	19850202	

Priority Applications (No Type Date): JP 8517720 A 19850202; JP 92107249 A 19850202

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 61177215	A		3		
JP 5119205	A	3	G02B-003/08	Div ex application JP 8517720	
JP 94061872	B2	3	B29D-011/00	Div ex application JP 8517720	

Based on patent JP 5119205

Abstract (Basic): JP 61177215 A

Prodn. of Fresnel's lense involves casting U.V. curable resin into Fresnel mould, which has internal face corresp. to Fresnel's lens, and in which transparent resin sheet is detachably set, and irradiating U.V. curable resin with U.V. rays for hardening, and thus making resin to polymerisation-adhere to transparent resin sheet set in mould for forming Fresnel' lens.

It is pref. that transparent resin sheet is acryl type or polycarbonate resin sheet, or that Fresnel mould comprises lower mould having internal Fresnel' lens face and upper mould with stepped portions, where internal face of stepped portion can fit closely to and detachably from transparent resin sheet and formed lens can be detached from mould.

USE/ADVANTAGE - Method gives Fresnel' lens useful as a member of optical system in video-projector with higher transparency as compared to conventional lens made of U.V. curable resin only. Cost is reduced due to use of transparent resin sheet. (3pp Dwg.No.1,2/2)

Form 1027 - 11-1-97

Application Of Andrew I. Peipel, et al.

File Number 56549USJ04 Serial No. 09934,801

Titled SCREENS AND METHODS FOR DISPLAYING INFORMATION

Pages of Specification (including Claims and Abstract)

No. of Claims \_\_\_\_\_ Sheets of Drawings \_\_\_\_\_

☐ Declaration ☐ Assign. ☒ Cert. of Mailing

Amount charged to Deposit Account \$-0- Date 11-19-01

Attorney (initials) SWB/jmc

Express Mail No. \_\_\_\_\_

Enclosures: INFORMATION DISCLOSURE STATEMENT, Form PTO-1449, cited reference

Draw Included \_\_\_\_\_

Attorney fees \_\_\_\_\_